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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
POLLUTION REPORT

DATE: JANUARY 7, 1995

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

D.DIETRICH-ATTN: E. WATKINS, USEPA, OSWER, WASH. D.C..... (E-MAIL)
R.KARL-ATTN: DON BRUCE, USEPA, OSF, EERB, CHICAGO, IL..... (E-MAIL)
J.CISNEROS-ATTN: L.BEASELY, USEPA, ESS, EERB, CHICAGO, IL. (E-MAIL)
M.McCUE-ATTN: USEPA OFFICE OF PUBLIC AFFAIRS, CHICAGO, IL. (E-MAIL)
T.KRUEGER-ATTN: B.WARNING, USEPA, ORC, CHICAGO, IL..... (E-MAIL)
DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C..... (US-MAIL)
L.ROBERTSON, CITY of CHICAGO, DEPT. of ENVIRONMENT..... (VIA-FAX)
M.RETZLAFF, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.... (VIA-FAX)
CHICAGO FIRE DEPARTMENT..... (VIA-FAX)

SUBJECT: DAVID CHEMICAL SITE, REMOVAL ACTION, CHICAGO, IL

LATITUDE: 41°52'09.3" LONGITUDE: 87°44'30.4"

POLREP NO.: 8

SITE ID NO.: XG DELIVERY ORDER NO. : 5001-05-356

RESPONSE AUTHORITY: CERCLA NPL STATUS: NON-NPL

START DATE: OCTOBER 18, 1994

COMPLETION DATE:

1. SITUATION:

- A. Consolidation of drummed materials into compatible waste streams is nearing completion. Remaining 2 waste groups are currently being bulked. Crew completed mobilization on 01/04 from the Christmas/New Year holiday demobilization (12/20-01/03).
- B. Site has remained secure over the holiday demob. Remarkably, no instances of trespassing or vandalism have occurred to date!! However, on 12/29 the SDI security guard on duty accidentally backed into the decon trailer knocking it from its supports into the building. The trailer was blocked and leveled back into place 1/4.
- C. Weather: Temperatures have dropped below freezing this week. Temperatures have ranged from 30° F to -1° F with three inches of snow accumulating on 01/06.

2. ACTIONS TAKEN:

- A. By request of Clean Harbors treatment facility, an additional sample of the base/neutral liquid was sent to the lab for analysis of TCLP volatiles and semivolatiles on 01/06.
- B. Consolidation of waste streams into bulk tanks and drums is near completion. Base/neutral sludges that presented a free liquid concern, and could not be bulked into the roll-off, remain to be repackaged into drums. Crew continues bulking base solids into roll-off box. 63 aluminum paste drums will be overpacked for shipment to Heritage Environmental's TSD facility.

- C. Disposal continues: shipped 15 yd³ of base solids to Environmental Quality, Wayne-Canton on 01/05. Total of 29 cubic yards of base solids disposed of to date. On 01/06, 6 yd³ of Burosil, a non-hazardous granular solid, were shipped to Environmental Quality, Wayne-Canton. Crew currently filling two roll-offs, one with chrome contaminated PPE/debris, and the other with the remaining drummed base solid material.
- D. Acceptance granted for the aluminum paste by Heritage Environmental during the demob period. Acceptance pending for acid liquids, caustic liquids, nickel liquids, base/neutral liquids, flammable liquids, flammable solids, and acid solids.
- E. TAT continued to provide daily air monitoring for volatile organic compounds, CO, and flammable vapor on a periodic basis during site activities. Levels of organic vapors have dropped significantly. This drop is believed to be due in part to low temperatures encountered this week. CO levels, as measured by Dräger detection tubes, have not been measured above the 35ppm action level.

3. PLANS:

- A. Scheduling for transportation of waste streams will occur as acceptance of wastes is received.
- B. Ship the third and final base solids roll-off box on 01/09. Complete repackaging of base/neutral and caustic sludges week of 01/09/95. Sludges to be repackaged into DOT approved drums for T&D. Continue to ship roll-off boxes of chromium contaminated debris.
- C. Expect to ship overpacked aluminum paste drums during week of 01/09, for fuels blending.
- D. Continue open lines of communication with local City and State officials.

4. KEY ISSUES:

- A. PRPs received "draft" consent order to remove and dispose of chromic acid and sludge waste streams. Approximately 5,000 gal of chromic acid has been consolidated. Sludge to be consolidated after 1/4/95. ORC attorney working out finer details on Order language. PRPs wish to send this material to EMETCO, in Elwood City, PA, for treatment and disposal. Expect to complete this activity by the third week in January '95.
- B. Extreme weather conditions have caused damage to decon trailer piping. Measures have been taken to insulate the decon water tank and hose leading to trailer. Generator is being run 24 hours to provide heat to trailers during nights. Cold stress prevention discussed with crew members in daily safety meetings.

5. COSTS:

A. Case open;

B. Costs through 01/04/95;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCS	\$ 540,000	\$ 364,463.15	\$ 175,536.85
TAT	108,000	71,716.18	36,283.82
USEPA-DIR	29,700	14,640.00	15,060.00
USEPA-INDR	54,900	29,723.10	25,176.90
TOTALS	\$ 732,600	\$ 480,542.43	\$ 252,057.57

END